

that the pin [inserting] can insert horizontally into the channel and [engaging] engage with the attachment mechanism while moving the ejection mechanism into a cocked position; and

a button extending from the ski pole grip and mechanically coupled to the attachment mechanism, the button depressible by the hand of the skier disengaging the attachment mechanism from the strap pin allowing the ejection mechanism to eject the strap pin horizontally from the channel out over a top end of the hand of the skier while said same hand of the skier remains wrapped around the ski pole grip.

9. A quick release attachment system according to claim 8 wherein the ejection mechanism comprises a strap.

10. A quick release attachment system for coupling a hand of a skier to a ski pole, comprising:

a ski pole grip having a front side and back side, joined by opposite lateral sides and having a cross-sectional shape sized so that the hand of the skier can be wrapped around the ski pole grip in a gripping manner;

a pin connected to a glove of a skier, the pin having an end portion which includes a notch;

an attachment mechanism disposed within the ski pole grip for receiving and releasably locking the [strap] pin to the ski pole grip; the attachment mechanism including:

an elongated channel extending in a horizontal direction into the front side of the ski pole grip above the hand of the skier while said hand is wrapped around the ski pole grip[,]

a retractable finger protruding across a portion of the channel, the pin inserting horizontally into the channel and engaging the notch with the [attachment mechanism] finger; and

a button on the ski pole grip and mechanically coupled to the [attachment mechanism] finger, the button depressible by the hand of the skier [disengaging the attachment mechanism] to retract the finger from the notch in the end portion of the pin, allowing the strap pin to detach from the attachment mechanism and move out of the channel and toward a top end of the hand of the skier while same hand of the skier remains wrapped around the ski pole grip.